



Ведомость учета отпуска тепловой энергии за период с 01.01.2019 по 31.12.2019

Потребитель: **МКД ООО "УК "Асбест" (ООО "Жильё")**Объект: **пр. Ленина, д. 47**

| | | | |
|---|----------------|----------|------------|
| Система отопления: двухтрубная зависимая | Карат-306-1 | 26624816 | 14.12.2020 |
| Расчетная формула тепловой энергии: $Q = G \times (T^1 - T^2) / 1000$, Гкал | Карат-551-65-0 | 65282516 | 02.02.2021 |
| Gmax= 21,78 тн/час | Карат-551-65-0 | 65179116 | 19.09.2020 |
| Gот= 16,71 тн/час | КТСП-Н | 2184 | 16.01.2021 |
| Gгвс= 5,07 тн/час | | | |
| Q= 0,6025 Гкал/час | | | |

| Дата | Температура (°C) | | | Масса (т) | | | Давление (ат) | | Теплота (ГКал) | | | Время работы, час | |
|------------|------------------|----------------|-------|----------------|----------------|-------|----------------|----------------|----------------|----------------|----------------|-------------------|---------|
| | T ₁ | T ₂ | ΔT | G ₁ | G ₂ | ΔG | P ₁ | P ₂ | Q _п | Q _γ | Q _Σ | штатное | нештат. |
| 01.01.2019 | 71,22 | 56,19 | 15,02 | 310,457 | 309,530 | 0,927 | 6,0 | 4,0 | 4,6784 | 0,0132 | 4,6917 | 24,00 | 0,00 |
| 02.01.2019 | 68,95 | 54,62 | 14,34 | 310,278 | 309,308 | 0,969 | 6,0 | 4,0 | 4,4625 | 0,0128 | 4,4754 | 24,00 | 0,00 |
| 03.01.2019 | 67,82 | 53,87 | 13,95 | 310,780 | 309,790 | 0,989 | 6,0 | 4,0 | 4,3491 | 0,0127 | 4,3618 | 24,00 | 0,00 |
| 04.01.2019 | 67,28 | 53,78 | 13,50 | 310,586 | 309,623 | 0,963 | 6,0 | 4,0 | 4,2050 | 0,0126 | 4,2177 | 24,00 | 0,00 |
| 05.01.2019 | 67,41 | 53,83 | 13,58 | 310,742 | 309,745 | 0,997 | 6,0 | 4,0 | 4,2342 | 0,0126 | 4,2469 | 24,00 | 0,00 |
| 06.01.2019 | 67,35 | 53,66 | 13,69 | 310,577 | 309,604 | 0,973 | 6,0 | 4,0 | 4,2645 | 0,0126 | 4,2771 | 24,00 | 0,00 |
| 07.01.2019 | 67,68 | 53,89 | 13,79 | 310,493 | 309,510 | 0,984 | 6,0 | 4,0 | 4,2950 | 0,0127 | 4,3077 | 24,00 | 0,00 |
| 08.01.2019 | 69,02 | 54,44 | 14,58 | 310,726 | 309,759 | 0,966 | 6,0 | 4,0 | 4,5438 | 0,0128 | 4,5566 | 24,00 | 0,00 |
| 09.01.2019 | 68,92 | 54,61 | 14,31 | 311,214 | 310,245 | 0,969 | 6,0 | 4,0 | 4,4678 | 0,0128 | 4,4807 | 24,00 | 0,00 |
| 10.01.2019 | 68,33 | 54,82 | 13,51 | 330,242 | 329,123 | 1,119 | 6,0 | 4,0 | 4,4605 | 0,0129 | 4,4734 | 24,00 | 0,00 |
| 11.01.2019 | 67,55 | 55,22 | 12,33 | 360,056 | 358,957 | 1,098 | 6,0 | 4,0 | 4,4552 | 0,0130 | 4,4682 | 24,00 | 0,00 |
| 12.01.2019 | 68,58 | 55,99 | 12,59 | 360,010 | 358,974 | 1,036 | 6,0 | 4,0 | 4,5471 | 0,0132 | 4,5603 | 24,00 | 0,00 |
| 13.01.2019 | 67,29 | 55,15 | 12,14 | 359,979 | 358,904 | 1,075 | 6,0 | 4,0 | 4,3863 | 0,0130 | 4,3993 | 24,00 | 0,00 |
| 14.01.2019 | 67,89 | 55,87 | 12,02 | 360,435 | 359,311 | 1,124 | 6,0 | 4,0 | 4,3493 | 0,0132 | 4,3624 | 24,00 | 0,00 |
| 15.01.2019 | 67,76 | 55,73 | 12,03 | 361,383 | 360,253 | 1,130 | 6,0 | 4,0 | 4,3616 | 0,0131 | 4,3748 | 24,00 | 0,00 |
| 16.01.2019 | 67,20 | 55,47 | 11,73 | 361,391 | 360,299 | 1,092 | 6,0 | 4,0 | 4,2566 | 0,0131 | 4,2697 | 24,00 | 0,00 |
| 17.01.2019 | 68,14 | 56,05 | 12,08 | 360,779 | 359,684 | 1,095 | 6,0 | 4,0 | 4,3749 | 0,0132 | 4,3881 | 24,00 | 0,00 |
| 18.01.2019 | 67,88 | 55,99 | 11,90 | 361,118 | 360,005 | 1,113 | 6,0 | 4,0 | 4,3135 | 0,0132 | 4,3267 | 24,00 | 0,00 |
| 19.01.2019 | 67,93 | 56,09 | 11,84 | 362,969 | 361,902 | 1,067 | 6,0 | 4,0 | 4,3124 | 0,0132 | 4,3256 | 24,00 | 0,00 |
| 20.01.2019 | 66,89 | 55,31 | 11,58 | 363,291 | 362,189 | 1,102 | 6,0 | 4,0 | 4,2207 | 0,0130 | 4,2337 | 24,00 | 0,00 |
| 21.01.2019 | 68,40 | 56,46 | 11,93 | 362,328 | 361,274 | 1,053 | 6,0 | 4,0 | 4,3394 | 0,0133 | 4,3527 | 24,00 | 0,00 |
| 22.01.2019 | 68,50 | 56,49 | 12,01 | 362,094 | 361,040 | 1,054 | 6,0 | 4,0 | 4,3646 | 0,0133 | 4,3779 | 24,00 | 0,00 |
| 23.01.2019 | 69,65 | 56,88 | 12,78 | 361,165 | 360,116 | 1,049 | 6,0 | 4,0 | 4,6297 | 0,0134 | 4,6431 | 24,00 | 0,00 |
| 24.01.2019 | 73,96 | 59,77 | 14,19 | 360,247 | 359,274 | 0,974 | 6,0 | 4,0 | 5,1292 | 0,0141 | 5,1433 | 24,00 | 0,00 |
| 25.01.2019 | 72,65 | 59,00 | 13,65 | 360,103 | 359,147 | 0,957 | 6,0 | 4,0 | 4,9322 | 0,0140 | 4,9462 | 24,00 | 0,00 |
| 26.01.2019 | 72,50 | 58,45 | 14,05 | 360,270 | 359,314 | 0,956 | 6,0 | 4,0 | 5,0779 | 0,0138 | 5,0917 | 24,00 | 0,00 |
| 27.01.2019 | 74,51 | 59,66 | 14,84 | 360,205 | 359,345 | 0,860 | 6,0 | 4,0 | 5,3642 | 0,0141 | 5,3783 | 24,00 | 0,00 |
| 28.01.2019 | 74,82 | 60,29 | 14,53 | 362,699 | 361,770 | 0,928 | 6,0 | 4,0 | 5,2882 | 0,0143 | 5,3024 | 24,00 | 0,00 |
| 29.01.2019 | 73,87 | 59,69 | 14,18 | 365,224 | 364,264 | 0,960 | 6,0 | 4,0 | 5,1959 | 0,0141 | 5,2101 | 24,00 | 0,00 |
| 30.01.2019 | 71,00 | 57,76 | 13,24 | 365,034 | 364,108 | 0,927 | 6,0 | 4,0 | 4,8492 | 0,0136 | 4,8629 | 24,00 | 0,00 |
| 31.01.2019 | 72,03 | 58,35 | 13,69 | 364,878 | 363,906 | 0,972 | 6,0 | 4,0 | 5,0113 | 0,0138 | 5,0251 | 24,00 | 0,00 |
| 01.02.2019 | 70,72 | 57,67 | 13,05 | 366,358 | 365,304 | 1,054 | 6,0 | 4,0 | 4,7971 | 0,0136 | 4,8107 | 24,00 | 0,00 |
| 02.02.2019 | 70,78 | 57,39 | 13,39 | 365,475 | 364,525 | 0,950 | 6,0 | 4,0 | 4,9100 | 0,0135 | 4,9235 | 24,00 | 0,00 |
| 03.02.2019 | 75,47 | 60,37 | 15,10 | 365,292 | 364,411 | 0,881 | 6,0 | 4,0 | 5,5333 | 0,0143 | 5,5476 | 24,00 | 0,00 |
| 04.02.2019 | 81,05 | 64,34 | 16,71 | 364,961 | 364,074 | 0,887 | 6,0 | 4,0 | 6,1208 | 0,0153 | 6,1361 | 24,00 | 0,00 |
| 05.02.2019 | 83,93 | 66,40 | 17,53 | 365,079 | 364,238 | 0,841 | 6,0 | 4,0 | 6,4219 | 0,0158 | 6,4377 | 24,00 | 0,00 |
| 06.02.2019 | 83,32 | 66,29 | 17,03 | 364,935 | 364,148 | 0,787 | 6,0 | 4,0 | 6,2362 | 0,0158 | 6,2520 | 24,00 | 0,00 |
| 07.02.2019 | 81,65 | 64,83 | 16,82 | 364,793 | 363,994 | 0,799 | 6,0 | 4,0 | 6,1570 | 0,0154 | 6,1724 | 24,00 | 0,00 |
| 08.02.2019 | 76,18 | 61,38 | 14,81 | 364,912 | 364,016 | 0,896 | 6,0 | 4,0 | 5,4215 | 0,0145 | 5,4360 | 24,00 | 0,00 |
| 09.02.2019 | 72,18 | 58,36 | 13,82 | 364,802 | 363,766 | 1,036 | 6,0 | 4,0 | 5,0576 | 0,0138 | 5,0714 | 24,00 | 0,00 |
| 10.02.2019 | 69,66 | 56,94 | 12,71 | 364,839 | 363,835 | 1,004 | 6,0 | 4,0 | 4,6539 | 0,0134 | 4,6674 | 24,00 | 0,00 |
| 11.02.2019 | 67,81 | 55,74 | 12,07 | 364,493 | 363,516 | 0,977 | 6,0 | 4,0 | 4,4146 | 0,0131 | 4,4277 | 24,00 | 0,00 |
| 12.02.2019 | 67,39 | 55,57 | 11,82 | 364,248 | 363,211 | 1,037 | 6,0 | 4,0 | 4,3211 | 0,0131 | 4,3342 | 24,00 | 0,00 |
| 13.02.2019 | 66,83 | 55,19 | 11,64 | 365,608 | 364,574 | 1,034 | 6,0 | 4,0 | 4,2718 | 0,0130 | 4,2847 | 24,00 | 0,00 |
| 14.02.2019 | 66,42 | 55,11 | 11,31 | 364,470 | 363,448 | 1,022 | 6,0 | 4,0 | 4,1371 | 0,0130 | 4,1501 | 24,00 | 0,00 |
| 15.02.2019 | 66,35 | 55,11 | 11,24 | 364,293 | 363,213 | 1,080 | 6,0 | 4,0 | 4,1089 | 0,0130 | 4,1219 | 24,00 | 0,00 |
| 16.02.2019 | 66,39 | 54,90 | 11,49 | 364,288 | 363,268 | 1,020 | 6,0 | 4,0 | 4,2028 | 0,0129 | 4,2157 | 24,00 | 0,00 |
| 17.02.2019 | 66,53 | 55,01 | 11,52 | 364,165 | 363,120 | 1,046 | 6,0 | 4,0 | 4,2112 | 0,0129 | 4,2242 | 24,00 | 0,00 |
| 18.02.2019 | 66,12 | 54,96 | 11,16 | 365,864 | 364,809 | 1,055 | 6,0 | 4,0 | 4,0972 | 0,0129 | 4,1102 | 24,00 | 0,00 |
| 19.02.2019 | 66,72 | 55,43 | 11,29 | 367,650 | 366,575 | 1,075 | 6,0 | 4,0 | 4,1683 | 0,0131 | 4,1813 | 24,00 | 0,00 |
| 20.02.2019 | 67,49 | 55,71 | 11,78 | 366,032 | 364,998 | 1,034 | 6,0 | 4,0 | 4,3268 | 0,0131 | 4,3399 | 24,00 | 0,00 |
| 21.02.2019 | 65,89 | 54,52 | 11,37 | 366,100 | 365,049 | 1,051 | 6,0 | 4,0 | 4,1806 | 0,0128 | 4,1934 | 24,00 | 0,00 |
| 22.02.2019 | 66,90 | 55,56 | 11,34 | 368,254 | 367,134 | 1,120 | 6,0 | 4,0 | 4,1919 | 0,0131 | 4,2050 | 24,00 | 0,00 |
| 23.02.2019 | 66,80 | 55,44 | 11,36 | 368,356 | 367,256 | 1,100 | 6,0 | 4,0 | 4,2002 | 0,0131 | 4,2132 | 24,00 | 0,00 |
| 24.02.2019 | 66,98 | 55,21 | 11,78 | 367,064 | 366,003 | 1,061 | 6,0 | 4,0 | 4,3387 | 0,0130 | 4,3517 | 24,00 | 0,00 |
| 25.02.2019 | 66,95 | 55,46 | 11,49 | 368,253 | 367,207 | 1,046 | 6,0 | 4,0 | 4,2471 | 0,0131 | 4,2601 | 24,00 | 0,00 |
| 26.02.2019 | 67,02 | 55,33 | 11,69 | 366,055 | 365,046 | 1,010 | 6,0 | 4,0 | 4,2954 | 0,0130 | 4,3084 | 24,00 | 0,00 |
| 27.02.2019 | 67,07 | 55,72 | 11,35 | 366,194 | 365,165 | 1,029 | 6,0 | 4,0 | 4,1722 | 0,0131 | 4,1853 | 24,00 | 0,00 |
| 28.02.2019 | 66,83 | 55,69 | 11,14 | 366,810 | 365,761 | 1,049 | 6,0 | 4,0 | 4,1029 | 0,0131 | 4,1160 | 24,00 | 0,00 |
| 01.03.2019 | 65,84 | 54,89 | 10,95 | 364,593 | 363,534 | 1,059 | 6,0 | 4,0 | 4,0081 | 0,0129 | 4,0210 | 24,00 | 0,00 |

| Дата | Температура (°C) | | | Масса (т) | | | Давление (ат) | | Теплота (ГКал) | | | Время работы, час | |
|------------|------------------|----------------|-------|----------------|----------------|--------|----------------|----------------|----------------|----------------|----------------|-------------------|---------|
| | T ₁ | T ₂ | ΔT | G ₁ | G ₂ | ΔG | P ₁ | P ₂ | Q _п | Q _γ | Q _Σ | штатное | нештат. |
| 02.03.2019 | 65,78 | 54,82 | 10,96 | 362,048 | 360,972 | 1,075 | 6,0 | 4,0 | 3,9841 | 0,0129 | 3,9970 | 24,00 | 0,00 |
| 03.03.2019 | 65,51 | 54,32 | 11,19 | 361,294 | 360,276 | 1,018 | 6,0 | 4,0 | 4,0580 | 0,0128 | 4,0708 | 24,00 | 0,00 |
| 04.03.2019 | 67,13 | 55,59 | 11,54 | 362,995 | 362,023 | 0,973 | 6,0 | 4,0 | 4,2050 | 0,0131 | 4,2181 | 24,00 | 0,00 |
| 05.03.2019 | 66,61 | 55,19 | 11,42 | 361,868 | 360,890 | 0,978 | 6,0 | 4,0 | 4,1466 | 0,0130 | 4,1596 | 24,00 | 0,00 |
| 06.03.2019 | 66,05 | 54,97 | 11,08 | 362,604 | 361,581 | 1,023 | 6,0 | 4,0 | 4,0325 | 0,0129 | 4,0455 | 24,00 | 0,00 |
| 07.03.2019 | 65,62 | 54,60 | 11,02 | 363,160 | 362,109 | 1,051 | 6,0 | 4,0 | 4,0156 | 0,0128 | 4,0285 | 24,00 | 0,00 |
| 08.03.2019 | 65,96 | 54,61 | 11,35 | 362,178 | 361,171 | 1,007 | 6,0 | 4,0 | 4,1270 | 0,0128 | 4,1398 | 24,00 | 0,00 |
| 09.03.2019 | 65,93 | 54,69 | 11,24 | 362,501 | 361,540 | 0,961 | 6,0 | 4,0 | 4,0882 | 0,0129 | 4,1011 | 24,00 | 0,00 |
| 10.03.2019 | 66,11 | 54,96 | 11,15 | 362,827 | 361,846 | 0,981 | 6,0 | 4,0 | 4,0594 | 0,0129 | 4,0723 | 24,00 | 0,00 |
| 11.03.2019 | 66,25 | 55,49 | 10,76 | 363,387 | 362,358 | 1,029 | 6,0 | 4,0 | 3,9254 | 0,0131 | 3,9384 | 24,00 | 0,00 |
| 12.03.2019 | 66,03 | 55,43 | 10,59 | 364,238 | 363,193 | 1,045 | 6,0 | 4,0 | 3,8739 | 0,0131 | 3,8869 | 24,00 | 0,00 |
| 13.03.2019 | 65,79 | 55,21 | 10,58 | 364,586 | 363,566 | 1,020 | 6,0 | 4,0 | 3,8721 | 0,0130 | 3,8851 | 24,00 | 0,00 |
| 14.03.2019 | 66,16 | 55,58 | 10,58 | 365,526 | 364,507 | 1,019 | 6,0 | 4,0 | 3,8833 | 0,0131 | 3,8964 | 24,00 | 0,00 |
| 15.03.2019 | 66,09 | 55,35 | 10,74 | 364,297 | 363,239 | 1,058 | 6,0 | 4,0 | 3,9284 | 0,0130 | 3,9415 | 24,00 | 0,00 |
| 16.03.2019 | 66,02 | 55,03 | 10,99 | 362,777 | 361,723 | 1,054 | 6,0 | 4,0 | 4,0036 | 0,0130 | 4,0166 | 24,00 | 0,00 |
| 17.03.2019 | 66,00 | 54,93 | 11,07 | 363,007 | 362,023 | 0,984 | 6,0 | 4,0 | 4,0320 | 0,0129 | 4,0449 | 24,00 | 0,00 |
| 18.03.2019 | 65,91 | 55,16 | 10,76 | 363,862 | 362,858 | 1,004 | 6,0 | 4,0 | 3,9294 | 0,0130 | 3,9424 | 24,00 | 0,00 |
| 19.03.2019 | 66,09 | 55,33 | 10,75 | 368,016 | 366,994 | 1,022 | 6,0 | 4,0 | 3,9734 | 0,0130 | 3,9864 | 24,00 | 0,00 |
| 20.03.2019 | 66,24 | 55,67 | 10,57 | 371,335 | 370,276 | 1,059 | 6,0 | 4,0 | 3,9411 | 0,0131 | 3,9542 | 24,00 | 0,00 |
| 21.03.2019 | 66,38 | 55,90 | 10,48 | 373,924 | 372,836 | 1,088 | 6,0 | 4,0 | 3,9342 | 0,0132 | 3,9474 | 24,00 | 0,00 |
| 22.03.2019 | 66,08 | 55,95 | 10,13 | 380,656 | 379,616 | 1,040 | 6,0 | 4,0 | 3,8716 | 0,0132 | 3,8848 | 24,00 | 0,00 |
| 23.03.2019 | 65,81 | 55,86 | 9,95 | 383,100 | 382,089 | 1,012 | 6,0 | 4,0 | 3,8290 | 0,0132 | 3,8421 | 24,00 | 0,00 |
| 24.03.2019 | 65,69 | 55,63 | 10,06 | 383,188 | 382,160 | 1,028 | 6,0 | 4,0 | 3,8724 | 0,0131 | 3,8855 | 24,00 | 0,00 |
| 25.03.2019 | 65,24 | 55,49 | 9,75 | 384,661 | 383,588 | 1,073 | 6,0 | 4,0 | 3,7687 | 0,0131 | 3,7818 | 24,00 | 0,00 |
| 26.03.2019 | 66,05 | 56,14 | 9,91 | 342,150 | 341,198 | 0,952 | 6,0 | 4,0 | 3,9948 | 0,0129 | 3,4076 | 23,32 | 0,68 |
| 27.03.2019 | 65,42 | 55,73 | 9,69 | 386,608 | 385,552 | 1,056 | 6,0 | 4,0 | 3,7634 | 0,0131 | 3,7766 | 24,00 | 0,00 |
| 28.03.2019 | 64,88 | 55,26 | 9,62 | 385,822 | 384,759 | 1,063 | 6,0 | 4,0 | 3,7270 | 0,0130 | 3,7400 | 24,00 | 0,00 |
| 29.03.2019 | 62,95 | 53,77 | 9,18 | 382,596 | 381,495 | 1,101 | 6,0 | 4,0 | 3,5281 | 0,0126 | 3,5408 | 24,00 | 0,00 |
| 30.03.2019 | 65,00 | 55,01 | 9,99 | 382,005 | 380,983 | 1,022 | 6,0 | 4,0 | 3,8314 | 0,0129 | 3,8444 | 24,00 | 0,00 |
| 31.03.2019 | 65,26 | 55,18 | 10,08 | 382,447 | 381,426 | 1,022 | 6,0 | 4,0 | 3,8702 | 0,0130 | 3,8832 | 24,00 | 0,00 |
| 01.04.2019 | 65,01 | 55,38 | 9,62 | 387,048 | 385,991 | 1,057 | 6,0 | 4,0 | 3,7406 | 0,0130 | 3,7537 | 24,00 | 0,00 |
| 02.04.2019 | 65,29 | 55,77 | 9,52 | 391,518 | 390,483 | 1,035 | 6,0 | 4,0 | 3,7419 | 0,0131 | 3,7550 | 24,00 | 0,00 |
| 03.04.2019 | 64,93 | 55,40 | 9,53 | 393,220 | 392,129 | 1,091 | 6,0 | 4,0 | 3,7622 | 0,0130 | 3,7752 | 24,00 | 0,00 |
| 04.04.2019 | 64,57 | 55,27 | 9,29 | 393,318 | 392,214 | 1,105 | 6,0 | 4,0 | 3,6717 | 0,0130 | 3,6847 | 24,00 | 0,00 |
| 05.04.2019 | 64,61 | 55,24 | 9,37 | 393,829 | 392,723 | 1,106 | 6,0 | 4,0 | 3,7059 | 0,0130 | 3,7189 | 24,00 | 0,00 |
| 06.04.2019 | 64,61 | 55,13 | 9,49 | 390,153 | 389,128 | 1,025 | 6,0 | 4,0 | 3,7163 | 0,0130 | 3,7293 | 24,00 | 0,00 |
| 07.04.2019 | 64,04 | 54,70 | 9,34 | 388,587 | 387,510 | 1,077 | 6,0 | 4,0 | 3,6467 | 0,0129 | 3,6596 | 24,00 | 0,00 |
| 08.04.2019 | 63,24 | 54,41 | 8,83 | 392,032 | 390,942 | 1,090 | 6,0 | 4,0 | 3,4784 | 0,0128 | 3,4912 | 24,00 | 0,00 |
| 09.04.2019 | 62,11 | 53,39 | 8,72 | 393,710 | 392,603 | 1,107 | 6,0 | 4,0 | 3,4483 | 0,0125 | 3,4608 | 24,00 | 0,00 |
| 10.04.2019 | 61,88 | 53,55 | 8,33 | 399,266 | 398,106 | 1,160 | 6,0 | 4,0 | 3,3427 | 0,0126 | 3,3553 | 24,00 | 0,00 |
| 11.04.2019 | 61,93 | 53,75 | 8,18 | 407,440 | 406,291 | 1,149 | 6,0 | 4,0 | 3,3483 | 0,0126 | 3,3609 | 24,00 | 0,00 |
| 12.04.2019 | 61,97 | 53,98 | 7,99 | 410,161 | 409,009 | 1,153 | 6,0 | 4,0 | 3,2941 | 0,0127 | 3,3068 | 24,00 | 0,00 |
| 13.04.2019 | 62,00 | 53,71 | 8,29 | 405,853 | 404,716 | 1,137 | 6,0 | 4,0 | 3,3798 | 0,0126 | 3,3924 | 24,00 | 0,00 |
| 14.04.2019 | 62,12 | 53,24 | 8,88 | 404,130 | 403,053 | 1,077 | 6,0 | 4,0 | 3,6043 | 0,0125 | 3,6168 | 24,00 | 0,00 |
| 15.04.2019 | 61,91 | 53,31 | 8,60 | 405,040 | 403,977 | 1,062 | 6,0 | 4,0 | 3,4992 | 0,0125 | 3,5117 | 24,00 | 0,00 |
| 16.04.2019 | 61,64 | 53,14 | 8,50 | 400,352 | 399,237 | 1,115 | 6,0 | 4,0 | 3,4188 | 0,0125 | 3,4313 | 24,00 | 0,00 |
| 17.04.2019 | 62,00 | 52,89 | 9,11 | 395,865 | 394,708 | 1,158 | 6,0 | 4,0 | 3,6217 | 0,0124 | 3,6341 | 24,00 | 0,00 |
| 18.04.2019 | 62,05 | 53,02 | 9,04 | 394,182 | 393,053 | 1,128 | 6,0 | 4,0 | 3,5770 | 0,0124 | 3,5895 | 24,00 | 0,00 |
| 19.04.2019 | 61,86 | 53,11 | 8,75 | 396,330 | 395,218 | 1,112 | 6,0 | 4,0 | 3,4831 | 0,0125 | 3,4955 | 24,00 | 0,00 |
| 20.04.2019 | 59,82 | 51,36 | 8,47 | 395,880 | 394,742 | 1,139 | 6,0 | 4,0 | 3,3719 | 0,0120 | 3,3839 | 24,00 | 0,00 |
| 21.04.2019 | 61,20 | 52,41 | 8,78 | 397,152 | 396,048 | 1,104 | 6,0 | 4,0 | 3,5054 | 0,0123 | 3,5176 | 24,00 | 0,00 |
| 22.04.2019 | 61,89 | 53,45 | 8,44 | 402,913 | 401,781 | 1,132 | 6,0 | 4,0 | 3,4194 | 0,0126 | 3,4319 | 24,00 | 0,00 |
| 23.04.2019 | 61,63 | 53,34 | 8,28 | 407,623 | 406,465 | 1,158 | 6,0 | 4,0 | 3,3931 | 0,0125 | 3,4056 | 24,00 | 0,00 |
| 24.04.2019 | 61,68 | 53,40 | 8,28 | 407,100 | 405,930 | 1,169 | 6,0 | 4,0 | 3,3845 | 0,0125 | 3,3970 | 24,00 | 0,00 |
| 25.04.2019 | 60,79 | 52,63 | 8,16 | 406,695 | 405,516 | 1,179 | 6,0 | 4,0 | 3,3341 | 0,0123 | 3,3464 | 24,00 | 0,00 |
| 26.04.2019 | 59,59 | 51,65 | 7,94 | 405,479 | 404,317 | 1,161 | 6,0 | 4,0 | 3,2392 | 0,0121 | 3,2513 | 24,00 | 0,00 |
| 27.04.2019 | 61,82 | 53,16 | 8,66 | 406,834 | 405,684 | 1,150 | 6,0 | 4,0 | 3,5382 | 0,0125 | 3,5507 | 24,00 | 0,00 |
| 28.04.2019 | 61,39 | 52,90 | 8,48 | 405,947 | 404,793 | 1,154 | 6,0 | 4,0 | 3,4594 | 0,0124 | 3,4718 | 24,00 | 0,00 |
| 29.04.2019 | 61,46 | 52,61 | 8,84 | 401,793 | 400,681 | 1,112 | 6,0 | 4,0 | 3,5689 | 0,0123 | 3,5812 | 24,00 | 0,00 |
| 30.04.2019 | 61,43 | 52,87 | 8,56 | 401,466 | 400,324 | 1,142 | 6,0 | 4,0 | 3,4523 | 0,0124 | 3,4647 | 24,00 | 0,00 |
| 01.05.2019 | 60,02 | 51,69 | 8,34 | 402,327 | 401,216 | 1,111 | 6,0 | 4,0 | 3,3704 | 0,0121 | 3,3825 | 24,00 | 0,00 |
| 02.05.2019 | 60,06 | 52,10 | 7,96 | 403,681 | 402,495 | 1,186 | 6,0 | 4,0 | 3,2291 | 0,0122 | 3,2413 | 24,00 | 0,00 |
| 03.05.2019 | 59,85 | 51,92 | 7,93 | 404,420 | 403,227 | 1,193 | 6,0 | 4,0 | 3,2243 | 0,0122 | 3,2365 | 24,00 | 0,00 |
| 04.05.2019 | 59,95 | 52,29 | 7,66 | 404,450 | 403,248 | 1,202 | 6,0 | 4,0 | 3,1122 | 0,0123 | 3,1245 | 24,00 | 0,00 |
| 05.05.2019 | 56,34 | 49,61 | 6,73 | 404,611 | 403,340 | 1,270 | 6,0 | 4,0 | 2,7389 | 0,0116 | 2,7505 | 24,00 | 0,00 |
| 06.05.2019 | 60,48 | 54,67 | 5,81 | 330,893 | 330,089 | 0,804 | 6,0 | 4,0 | 2,1234 | 0,0129 | 2,1363 | 24,00 | 0,00 |
| 07.05.2019 | 61,34 | 56,79 | 4,55 | 85,796 | 86,190 | -0,394 | 6,0 | 4,0 | 0,3423 | 0,0134 | 0,3557 | 24,00 | 0,00 |
| 08.05.2019 | 63,41 | 57,90 | 5,52 | 70,984 | 71,513 | -0,529 | 6,0 | 4,0 | 0,3974 | 0,0137 | 0,4111 | 24,00 | 0,00 |
| 09.05.2019 | 66,21 | 61,54 | 4,67 | 72,965 | 73,477 | -0,513 | 6,0 | 4,0 | 0,3429 | 0,0146 | 0,3575 | 24,00 | 0,00 |
| 10.05.2019 | 67,74 | 62,58 | 5,17 | 73,647 | 74,161 | -0,514 | 6,0 | 4,0 | 0,3821 | 0,0148 | 0,3970 | 24,00 | 0,00 |
| 11.05.2019 | 68,10 | 61,73 | 6,37 | 73,935 | 74,449 | -0,514 | 6,0 | 4,0 | 0,4726 | 0,0146 | 0,4872 | 24,00 | 0,00 |
| 12.05.2019 | 68,80 | 62,88 | 5,92 | 74,061 | 74,569 | -0,508 | 6,0 | 4,0 | 0,4390 | 0,0149 | 0,4539 | 24,00 | 0,00 |
| 13.05.2019 | 68,46 | 63,54 | 4,92 | 74,810 | 75,321 | -0,511 | 6,0 | 4,0 | 0,3704 | 0,0151 | 0,3855 | 24,00 | 0,00 |
| 14.05.2019 | 69,34 | 63,76 | 5,58 | 75,477 | 75,967 | -0,490 | 6,0 | 4,0 | 0,4223 | 0,0151 | 0,4375 | 24,00 | 0,00 |

| Дата | Температура (°C) | | | Масса (т) | | | Давление (ат) | | Теплота (ГКал) | | | Время работы, час | |
|------------|------------------|----------------|-------|----------------|----------------|--------|----------------|----------------|----------------|----------------|----------------|-------------------|---------|
| | T ₁ | T ₂ | ΔT | G ₁ | G ₂ | ΔG | P ₁ | P ₂ | Q _п | Q _γ | Q _Σ | штатное | нештат. |
| 15.05.2019 | 58,54 | 53,80 | 4,74 | 51,015 | 51,901 | -0,886 | 6,0 | 4,0 | 0,3233 | 0,0126 | 0,3359 | 24,00 | 0,00 |
| 16.05.2019 | 71,01 | 64,97 | 6,03 | 74,085 | 75,465 | -1,380 | 6,0 | 4,0 | 0,4484 | 0,0154 | 0,4639 | 24,00 | 0,00 |
| 17.05.2019 | 70,34 | 65,12 | 5,22 | 67,591 | 68,026 | -0,436 | 6,0 | 4,0 | 0,3526 | 0,0142 | 0,3667 | 21,97 | 2,03 |
| 18.05.2019 | 68,51 | 62,22 | 6,29 | 73,642 | 74,166 | -0,523 | 6,0 | 4,0 | 0,4649 | 0,0148 | 0,4797 | 24,00 | 0,00 |
| 19.05.2019 | 67,15 | 60,29 | 6,85 | 72,483 | 72,987 | -0,504 | 6,0 | 4,0 | 0,4938 | 0,0143 | 0,5081 | 24,00 | 0,00 |
| 20.05.2019 | 64,60 | 58,42 | 6,18 | 71,429 | 70,881 | 0,547 | 6,0 | 4,0 | 0,4424 | 0,0138 | 0,4562 | 24,00 | 0,00 |
| 21.05.2019 | 64,80 | 59,08 | 5,72 | 71,059 | 71,477 | -0,418 | 6,0 | 4,0 | 0,4085 | 0,0140 | 0,4225 | 24,00 | 0,00 |
| 22.05.2019 | 64,75 | 59,26 | 5,48 | 71,580 | 71,991 | -0,411 | 6,0 | 4,0 | 0,3948 | 0,0140 | 0,4088 | 24,00 | 0,00 |
| 23.05.2019 | 65,77 | 59,73 | 6,05 | 72,972 | 73,390 | -0,418 | 6,0 | 4,0 | 0,4435 | 0,0141 | 0,4576 | 24,00 | 0,00 |
| 24.05.2019 | 65,77 | 59,96 | 5,81 | 72,520 | 72,908 | -0,388 | 6,0 | 4,0 | 0,4221 | 0,0142 | 0,4363 | 24,00 | 0,00 |
| 25.05.2019 | 64,97 | 58,92 | 6,05 | 71,504 | 71,906 | -0,402 | 6,0 | 4,0 | 0,4344 | 0,0139 | 0,4484 | 24,00 | 0,00 |
| 26.05.2019 | 65,14 | 58,30 | 6,84 | 71,525 | 71,947 | -0,422 | 6,0 | 4,0 | 0,4909 | 0,0138 | 0,5047 | 24,00 | 0,00 |
| 27.05.2019 | 65,61 | 59,90 | 5,72 | 73,958 | 74,358 | -0,400 | 6,0 | 4,0 | 0,4289 | 0,0142 | 0,4431 | 24,00 | 0,00 |
| 28.05.2019 | 68,93 | 63,28 | 5,65 | 76,894 | 77,275 | -0,382 | 6,0 | 4,0 | 0,4366 | 0,0150 | 0,4516 | 24,00 | 0,00 |
| 29.05.2019 | 70,57 | 65,07 | 5,50 | 77,399 | 77,640 | -0,241 | 6,0 | 4,0 | 0,4281 | 0,0155 | 0,4436 | 24,00 | 0,00 |
| 30.05.2019 | 71,20 | 64,97 | 6,23 | 77,389 | 77,574 | -0,185 | 6,0 | 4,0 | 0,4834 | 0,0154 | 0,4988 | 24,00 | 0,00 |
| 31.05.2019 | 71,39 | 66,07 | 5,33 | 77,566 | 77,764 | -0,198 | 6,0 | 4,0 | 0,4156 | 0,0157 | 0,4314 | 24,00 | 0,00 |
| 01.06.2019 | 73,00 | 67,23 | 5,77 | 78,340 | 78,574 | -0,235 | 6,0 | 4,0 | 0,4540 | 0,0160 | 0,4700 | 24,00 | 0,00 |
| 02.06.2019 | 73,87 | 68,15 | 5,72 | 78,319 | 78,561 | -0,243 | 6,0 | 4,0 | 0,4497 | 0,0162 | 0,4659 | 24,00 | 0,00 |
| 03.06.2019 | 72,65 | 67,10 | 5,55 | 78,015 | 78,277 | -0,262 | 6,0 | 4,0 | 0,4354 | 0,0160 | 0,4514 | 24,00 | 0,00 |
| 04.06.2019 | 68,79 | 63,27 | 5,52 | 76,612 | 76,847 | -0,234 | 6,0 | 4,0 | 0,4228 | 0,0150 | 0,4378 | 24,00 | 0,00 |
| 05.06.2019 | 67,33 | 61,81 | 5,52 | 75,778 | 76,049 | -0,271 | 6,0 | 4,0 | 0,4203 | 0,0147 | 0,4349 | 24,00 | 0,00 |
| 06.06.2019 | 67,99 | 62,55 | 5,44 | 75,966 | 76,245 | -0,279 | 6,0 | 4,0 | 0,4152 | 0,0148 | 0,4300 | 24,00 | 0,00 |
| 07.06.2019 | 69,25 | 63,96 | 5,29 | 77,184 | 77,453 | -0,269 | 6,0 | 4,0 | 0,4113 | 0,0152 | 0,4265 | 24,00 | 0,00 |
| 08.06.2019 | 71,46 | 65,08 | 6,38 | 77,953 | 78,218 | -0,265 | 6,0 | 4,0 | 0,4993 | 0,0155 | 0,5148 | 24,00 | 0,00 |
| 09.06.2019 | 72,49 | 68,46 | 4,03 | 78,246 | 78,501 | -0,255 | 6,0 | 4,0 | 0,3186 | 0,0163 | 0,3349 | 24,00 | 0,00 |
| 10.06.2019 | 72,32 | 64,61 | 7,71 | 78,577 | 78,827 | -0,250 | 6,0 | 4,0 | 0,6078 | 0,0154 | 0,6231 | 24,00 | 0,00 |
| 11.06.2019 | 73,13 | 67,11 | 6,02 | 79,994 | 80,226 | -0,233 | 6,0 | 4,0 | 0,4855 | 0,0160 | 0,5015 | 24,00 | 0,00 |
| 12.06.2019 | 74,61 | 68,60 | 6,01 | 82,027 | 82,241 | -0,213 | 6,0 | 4,0 | 0,4946 | 0,0163 | 0,5109 | 24,00 | 0,00 |
| 13.06.2019 | 44,53 | 32,78 | 11,76 | 25,311 | 25,421 | -0,110 | 6,0 | 4,0 | 0,0853 | 0,0072 | 0,0925 | 24,00 | 0,00 |
| 14.06.2019 | 22,30 | 20,37 | 1,92 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0040 | 0,0040 | 24,00 | 0,00 |
| 15.06.2019 | 19,83 | 18,73 | 1,10 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0036 | 0,0036 | 24,00 | 0,00 |
| 16.06.2019 | 18,61 | 17,68 | 0,93 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0033 | 0,0033 | 24,00 | 0,00 |
| 17.06.2019 | 17,68 | 16,85 | 0,84 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0031 | 0,0031 | 24,00 | 0,00 |
| 18.06.2019 | 17,18 | 16,38 | 0,80 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0030 | 0,0030 | 24,00 | 0,00 |
| 19.06.2019 | 16,75 | 15,98 | 0,78 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0029 | 0,0029 | 24,00 | 0,00 |
| 20.06.2019 | 16,71 | 15,87 | 0,84 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0029 | 0,0029 | 24,00 | 0,00 |
| 21.06.2019 | 16,70 | 15,83 | 0,86 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0028 | 0,0028 | 24,00 | 0,00 |
| 22.06.2019 | 16,42 | 15,70 | 0,73 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0028 | 0,0028 | 24,00 | 0,00 |
| 23.06.2019 | 16,42 | 15,55 | 0,87 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0028 | 0,0028 | 24,00 | 0,00 |
| 24.06.2019 | 16,62 | 15,70 | 0,92 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0028 | 0,0028 | 24,00 | 0,00 |
| 25.06.2019 | 16,54 | 15,58 | 0,96 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0028 | 0,0028 | 24,00 | 0,00 |
| 26.06.2019 | 16,24 | 15,39 | 0,84 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0027 | 0,0027 | 24,00 | 0,00 |
| 27.06.2019 | 22,34 | 20,96 | 1,38 | 30,634 | 30,824 | -0,190 | 6,0 | 4,0 | 0,0863 | 0,0042 | 0,0905 | 24,00 | 0,00 |
| 28.06.2019 | 61,88 | 57,03 | 4,85 | 71,837 | 72,152 | -0,315 | 6,0 | 4,0 | 0,3332 | 0,0134 | 0,3467 | 24,00 | 0,00 |
| 29.06.2019 | 61,40 | 54,00 | 7,40 | 51,524 | 51,934 | -0,410 | 6,0 | 4,0 | 0,3844 | 0,0127 | 0,3971 | 24,00 | 0,00 |
| 30.06.2019 | 71,08 | 63,12 | 7,97 | 55,947 | 56,361 | -0,414 | 6,0 | 4,0 | 0,4485 | 0,0150 | 0,4635 | 24,00 | 0,00 |
| 01.07.2019 | 66,04 | 59,43 | 6,61 | 52,760 | 53,174 | -0,414 | 6,0 | 4,0 | 0,3441 | 0,0141 | 0,3581 | 24,00 | 0,00 |
| 02.07.2019 | 64,79 | 58,30 | 6,49 | 49,612 | 50,032 | -0,420 | 6,0 | 4,0 | 0,3219 | 0,0138 | 0,3357 | 24,00 | 0,00 |
| 03.07.2019 | 69,29 | 62,23 | 7,06 | 48,889 | 49,285 | -0,397 | 6,0 | 4,0 | 0,3571 | 0,0137 | 0,3708 | 22,30 | 1,70 |
| 04.07.2019 | 64,60 | 57,11 | 7,49 | 47,075 | 47,562 | -0,487 | 6,0 | 4,0 | 0,3392 | 0,0135 | 0,3526 | 24,00 | 0,00 |
| 05.07.2019 | 68,31 | 58,83 | 9,48 | 43,740 | 44,229 | -0,489 | 6,0 | 4,0 | 0,4195 | 0,0139 | 0,4334 | 24,00 | 0,00 |
| 06.07.2019 | 66,70 | 58,44 | 8,25 | 43,533 | 44,053 | -0,520 | 6,0 | 4,0 | 0,3586 | 0,0138 | 0,3724 | 24,00 | 0,00 |
| 07.07.2019 | 70,12 | 61,46 | 8,66 | 44,861 | 45,356 | -0,495 | 6,0 | 4,0 | 0,3897 | 0,0146 | 0,4043 | 24,00 | 0,00 |
| 08.07.2019 | 63,56 | 56,14 | 7,43 | 41,945 | 42,495 | -0,550 | 6,0 | 4,0 | 0,3094 | 0,0132 | 0,3226 | 24,00 | 0,00 |
| 09.07.2019 | 64,48 | 56,75 | 7,73 | 41,442 | 41,972 | -0,530 | 6,0 | 4,0 | 0,3226 | 0,0134 | 0,3360 | 24,00 | 0,00 |
| 10.07.2019 | 66,24 | 60,11 | 6,13 | 42,568 | 43,076 | -0,507 | 6,0 | 4,0 | 0,2594 | 0,0142 | 0,2737 | 24,00 | 0,00 |
| 11.07.2019 | 67,02 | 58,26 | 8,77 | 42,295 | 42,794 | -0,499 | 6,0 | 4,0 | 0,3719 | 0,0138 | 0,3857 | 24,00 | 0,00 |
| 12.07.2019 | 67,45 | 59,89 | 7,56 | 42,236 | 42,749 | -0,513 | 6,0 | 4,0 | 0,3204 | 0,0142 | 0,3346 | 24,00 | 0,00 |
| 13.07.2019 | 69,56 | 61,18 | 8,38 | 42,802 | 43,319 | -0,517 | 6,0 | 4,0 | 0,3598 | 0,0145 | 0,3743 | 24,00 | 0,00 |
| 14.07.2019 | 70,80 | 60,96 | 9,84 | 43,005 | 43,557 | -0,552 | 6,0 | 4,0 | 0,4231 | 0,0144 | 0,4376 | 24,00 | 0,00 |
| 15.07.2019 | 69,27 | 59,83 | 9,44 | 42,780 | 43,339 | -0,559 | 6,0 | 4,0 | 0,4047 | 0,0142 | 0,4188 | 24,00 | 0,00 |
| 16.07.2019 | 66,18 | 59,16 | 7,02 | 41,532 | 42,082 | -0,549 | 6,0 | 4,0 | 0,2929 | 0,0140 | 0,3069 | 24,00 | 0,00 |
| 17.07.2019 | 36,29 | 31,96 | 4,33 | 35,331 | 35,867 | -0,535 | 6,0 | 4,0 | 0,1532 | 0,0070 | 0,1602 | 24,00 | 0,00 |
| 18.07.2019 | 31,64 | 27,34 | 4,30 | 36,582 | 37,082 | -0,500 | 6,0 | 4,0 | 0,1638 | 0,0058 | 0,1697 | 24,00 | 0,00 |
| 19.07.2019 | 52,72 | 45,27 | 7,45 | 39,165 | 39,697 | -0,532 | 6,0 | 4,0 | 0,2939 | 0,0105 | 0,3044 | 24,00 | 0,00 |
| 20.07.2019 | 63,90 | 55,93 | 7,97 | 41,857 | 42,384 | -0,528 | 6,0 | 4,0 | 0,3379 | 0,0132 | 0,3511 | 24,00 | 0,00 |
| 21.07.2019 | 67,40 | 59,03 | 8,38 | 43,128 | 43,649 | -0,522 | 6,0 | 4,0 | 0,3606 | 0,0140 | 0,3746 | 24,00 | 0,00 |
| 22.07.2019 | 66,96 | 59,11 | 7,85 | 42,590 | 43,121 | -0,531 | 6,0 | 4,0 | 0,3354 | 0,0140 | 0,3494 | 24,00 | 0,00 |
| 23.07.2019 | 67,83 | 59,50 | 8,32 | 42,208 | 42,708 | -0,500 | 6,0 | 4,0 | 0,3523 | 0,0141 | 0,3664 | 24,00 | 0,00 |
| 24.07.2019 | 69,27 | 60,36 | 8,91 | 42,310 | 42,875 | -0,565 | 6,0 | 4,0 | 0,3778 | 0,0143 | 0,3921 | 24,00 | 0,00 |
| 25.07.2019 | 71,52 | 62,52 | 9,00 | 42,772 | 43,337 | -0,565 | 6,0 | 4,0 | 0,3871 | 0,0148 | 0,4020 | 24,00 | 0,00 |
| 26.07.2019 | 72,74 | 64,48 | 8,25 | 42,935 | 43,506 | -0,570 | 6,0 | 4,0 | 0,3555 | 0,0153 | 0,3708 | 24,00 | 0,00 |
| 27.07.2019 | 72,59 | 63,66 | 8,94 | 42,910 | 43,486 | -0,576 | 6,0 | 4,0 | 0,3847 | 0,0151 | 0,3998 | 24,00 | 0,00 |

| Дата | Температура (°С) | | | Масса (т) | | | Давление (ат) | | Теплота (ГКал) | | | Время работы, час | |
|------------|------------------|----------------|-------|----------------|----------------|--------|----------------|----------------|----------------|----------------|----------------|-------------------|---------|
| | T ₁ | T ₂ | ΔT | G ₁ | G ₂ | ΔG | P ₁ | P ₂ | Q _п | Q _γ | Q _Σ | штатное | нештат. |
| 28.07.2019 | 71,92 | 60,40 | 11,52 | 30,324 | 30,770 | -0,446 | 6,0 | 4,0 | 0,3485 | 0,0102 | 0,3588 | 17,13 | 6,87 |
| 29.07.2019 | 68,91 | 60,03 | 8,87 | 42,266 | 42,907 | -0,641 | 6,0 | 4,0 | 0,3744 | 0,0142 | 0,3886 | 24,00 | 0,00 |
| 30.07.2019 | 52,50 | 32,98 | 19,52 | 18,544 | 18,808 | -0,264 | 6,0 | 4,0 | 0,1367 | 0,0073 | 0,1439 | 24,00 | 0,00 |
| 31.07.2019 | 37,48 | 14,03 | 23,45 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0024 | 0,0024 | 24,00 | 0,00 |
| 01.08.2019 | 35,02 | 14,11 | 20,91 | 0,000 | 0,000 | 0,000 | 6,0 | 4,0 | 0,0000 | 0,0024 | 0,0024 | 24,00 | 0,00 |
| 02.08.2019 | 32,27 | 23,30 | 8,97 | 23,455 | 23,801 | -0,346 | 6,0 | 4,0 | 0,1244 | 0,0048 | 0,1292 | 24,00 | 0,00 |
| 03.08.2019 | 57,22 | 47,57 | 9,65 | 37,117 | 37,677 | -0,560 | 6,0 | 4,0 | 0,3630 | 0,0111 | 0,3740 | 24,00 | 0,00 |
| 04.08.2019 | 63,77 | 53,87 | 9,90 | 39,132 | 39,695 | -0,562 | 6,0 | 4,0 | 0,3897 | 0,0127 | 0,4024 | 24,00 | 0,00 |
| 05.08.2019 | 65,88 | 56,37 | 9,51 | 40,185 | 40,729 | -0,544 | 6,0 | 4,0 | 0,3842 | 0,0133 | 0,3975 | 24,00 | 0,00 |
| 06.08.2019 | 68,39 | 61,28 | 7,11 | 51,228 | 51,718 | -0,490 | 6,0 | 4,0 | 0,3645 | 0,0145 | 0,3790 | 24,00 | 0,00 |
| 07.08.2019 | 69,32 | 62,92 | 6,40 | 64,080 | 64,525 | -0,446 | 6,0 | 4,0 | 0,4120 | 0,0149 | 0,4269 | 24,00 | 0,00 |
| 08.08.2019 | 70,11 | 63,75 | 6,36 | 64,470 | 64,918 | -0,448 | 6,0 | 4,0 | 0,4121 | 0,0151 | 0,4273 | 24,00 | 0,00 |
| 09.08.2019 | 70,17 | 64,94 | 5,23 | 64,547 | 65,014 | -0,467 | 6,0 | 4,0 | 0,3394 | 0,0154 | 0,3548 | 24,00 | 0,00 |
| 10.08.2019 | 71,16 | 65,62 | 5,53 | 64,822 | 65,293 | -0,471 | 6,0 | 4,0 | 0,3609 | 0,0156 | 0,3765 | 24,00 | 0,00 |
| 11.08.2019 | 72,09 | 65,64 | 6,44 | 65,059 | 65,546 | -0,487 | 6,0 | 4,0 | 0,4211 | 0,0156 | 0,4367 | 24,00 | 0,00 |
| 12.08.2019 | 71,78 | 66,03 | 5,75 | 65,373 | 65,876 | -0,503 | 6,0 | 4,0 | 0,3781 | 0,0157 | 0,3938 | 24,00 | 0,00 |
| 13.08.2019 | 72,25 | 66,55 | 5,69 | 65,472 | 65,993 | -0,520 | 6,0 | 4,0 | 0,3741 | 0,0158 | 0,3900 | 24,00 | 0,00 |
| 14.08.2019 | 70,58 | 65,26 | 5,32 | 64,754 | 65,244 | -0,491 | 6,0 | 4,0 | 0,3462 | 0,0155 | 0,3617 | 24,00 | 0,00 |
| 15.08.2019 | 71,15 | 65,48 | 5,66 | 64,861 | 65,367 | -0,505 | 6,0 | 4,0 | 0,3694 | 0,0156 | 0,3849 | 24,00 | 0,00 |
| 16.08.2019 | 72,12 | 66,11 | 6,01 | 65,311 | 65,824 | -0,512 | 6,0 | 4,0 | 0,3952 | 0,0157 | 0,4109 | 24,00 | 0,00 |
| 17.08.2019 | 73,11 | 67,20 | 5,91 | 65,673 | 66,195 | -0,522 | 6,0 | 4,0 | 0,3898 | 0,0160 | 0,4058 | 24,00 | 0,00 |
| 18.08.2019 | 73,87 | 68,21 | 5,66 | 65,554 | 66,078 | -0,524 | 6,0 | 4,0 | 0,3726 | 0,0163 | 0,3889 | 24,00 | 0,00 |
| 19.08.2019 | 72,96 | 67,52 | 5,44 | 65,600 | 66,114 | -0,514 | 6,0 | 4,0 | 0,3587 | 0,0161 | 0,3748 | 24,00 | 0,00 |
| 20.08.2019 | 73,69 | 68,02 | 5,67 | 65,982 | 66,487 | -0,506 | 6,0 | 4,0 | 0,3760 | 0,0162 | 0,3922 | 24,00 | 0,00 |
| 21.08.2019 | 73,84 | 66,96 | 6,88 | 66,044 | 66,565 | -0,522 | 6,0 | 4,0 | 0,4556 | 0,0159 | 0,4715 | 24,00 | 0,00 |
| 22.08.2019 | 68,59 | 62,74 | 5,84 | 64,488 | 64,995 | -0,508 | 6,0 | 4,0 | 0,3791 | 0,0149 | 0,3940 | 24,00 | 0,00 |
| 23.08.2019 | 69,73 | 64,00 | 5,73 | 65,502 | 66,000 | -0,498 | 6,0 | 4,0 | 0,3780 | 0,0152 | 0,3932 | 24,00 | 0,00 |
| 24.08.2019 | 72,63 | 65,90 | 6,72 | 65,877 | 66,400 | -0,524 | 6,0 | 4,0 | 0,4447 | 0,0157 | 0,4604 | 24,00 | 0,00 |
| 25.08.2019 | 73,21 | 66,80 | 6,41 | 65,892 | 66,414 | -0,522 | 6,0 | 4,0 | 0,4236 | 0,0159 | 0,4395 | 24,00 | 0,00 |
| 26.08.2019 | 71,84 | 65,69 | 6,15 | 65,040 | 65,554 | -0,514 | 6,0 | 4,0 | 0,4003 | 0,0155 | 0,4158 | 23,85 | 0,15 |
| 27.08.2019 | 71,27 | 64,84 | 6,43 | 64,973 | 65,466 | -0,494 | 6,0 | 4,0 | 0,4191 | 0,0154 | 0,4345 | 24,00 | 0,00 |
| 28.08.2019 | 71,53 | 65,24 | 6,29 | 64,993 | 65,473 | -0,481 | 6,0 | 4,0 | 0,4110 | 0,0155 | 0,4265 | 24,00 | 0,00 |
| 29.08.2019 | 70,98 | 65,22 | 5,76 | 64,750 | 65,238 | -0,488 | 6,0 | 4,0 | 0,3750 | 0,0155 | 0,3905 | 24,00 | 0,00 |
| 30.08.2019 | 70,13 | 64,06 | 6,07 | 64,606 | 65,113 | -0,507 | 6,0 | 4,0 | 0,3942 | 0,0152 | 0,4094 | 24,00 | 0,00 |
| 31.08.2019 | 69,96 | 63,27 | 6,68 | 64,172 | 64,699 | -0,527 | 6,0 | 4,0 | 0,4301 | 0,0150 | 0,4451 | 24,00 | 0,00 |
| 01.09.2019 | 69,72 | 62,40 | 7,32 | 63,750 | 64,255 | -0,505 | 6,0 | 4,0 | 0,4662 | 0,0148 | 0,4810 | 24,00 | 0,00 |
| 02.09.2019 | 67,61 | 60,94 | 6,67 | 63,730 | 64,230 | -0,500 | 6,0 | 4,0 | 0,4267 | 0,0144 | 0,4411 | 24,00 | 0,00 |
| 03.09.2019 | 67,97 | 61,40 | 6,57 | 63,531 | 64,046 | -0,515 | 6,0 | 4,0 | 0,4181 | 0,0146 | 0,4327 | 24,00 | 0,00 |
| 04.09.2019 | 67,84 | 61,69 | 6,15 | 62,800 | 62,309 | 0,492 | 6,0 | 4,0 | 0,3869 | 0,0146 | 0,4016 | 24,00 | 0,00 |
| 05.09.2019 | 66,53 | 60,62 | 5,91 | 61,965 | 62,443 | -0,479 | 6,0 | 4,0 | 0,3680 | 0,0144 | 0,3824 | 24,00 | 0,00 |
| 06.09.2019 | 65,65 | 59,61 | 6,04 | 61,652 | 62,150 | -0,498 | 6,0 | 4,0 | 0,3739 | 0,0141 | 0,3880 | 24,00 | 0,00 |
| 07.09.2019 | 65,40 | 58,40 | 7,00 | 61,543 | 62,022 | -0,479 | 6,0 | 4,0 | 0,4320 | 0,0138 | 0,4458 | 24,00 | 0,00 |
| 08.09.2019 | 65,27 | 58,05 | 7,22 | 61,184 | 61,678 | -0,495 | 6,0 | 4,0 | 0,4422 | 0,0137 | 0,4559 | 24,00 | 0,00 |
| 09.09.2019 | 63,92 | 57,62 | 6,30 | 60,778 | 61,282 | -0,503 | 6,0 | 4,0 | 0,3856 | 0,0136 | 0,3992 | 24,00 | 0,00 |
| 10.09.2019 | 64,90 | 58,81 | 6,09 | 61,217 | 61,717 | -0,500 | 6,0 | 4,0 | 0,3757 | 0,0139 | 0,3896 | 24,00 | 0,00 |
| 11.09.2019 | 66,64 | 60,03 | 6,61 | 62,341 | 62,845 | -0,504 | 6,0 | 4,0 | 0,4153 | 0,0142 | 0,4295 | 24,00 | 0,00 |
| 12.09.2019 | 68,84 | 62,82 | 6,02 | 63,405 | 63,888 | -0,482 | 6,0 | 4,0 | 0,3833 | 0,0149 | 0,3982 | 24,00 | 0,00 |
| 13.09.2019 | 44,25 | 39,81 | 4,44 | 60,126 | 60,512 | -0,386 | 6,0 | 4,0 | 0,2708 | 0,0091 | 0,2799 | 24,00 | 0,00 |
| 14.09.2019 | 60,07 | 53,54 | 6,53 | 61,771 | 62,219 | -0,448 | 6,0 | 4,0 | 0,4067 | 0,0126 | 0,4192 | 24,00 | 0,00 |
| 15.09.2019 | 62,70 | 54,90 | 7,81 | 62,970 | 63,474 | -0,504 | 6,0 | 4,0 | 0,4927 | 0,0129 | 0,5056 | 24,00 | 0,00 |
| 16.09.2019 | 64,22 | 57,81 | 6,41 | 61,584 | 62,072 | -0,488 | 6,0 | 4,0 | 0,3954 | 0,0137 | 0,4091 | 24,00 | 0,00 |
| 17.09.2019 | 62,63 | 58,11 | 4,52 | 60,569 | 60,952 | -0,383 | 6,0 | 4,0 | 0,3670 | 0,0137 | 0,3808 | 24,00 | 0,00 |
| 18.09.2019 | 61,36 | 55,18 | 6,18 | 303,059 | 302,527 | 0,533 | 6,0 | 4,0 | 2,4139 | 0,0130 | 2,4269 | 24,00 | 0,00 |
| 19.09.2019 | 62,87 | 54,71 | 8,16 | 414,790 | 413,086 | 1,704 | 6,0 | 4,0 | 3,5089 | 0,0129 | 3,5218 | 24,00 | 0,00 |
| 20.09.2019 | 62,11 | 53,76 | 8,35 | 415,075 | 414,513 | 0,562 | 6,0 | 4,0 | 3,4825 | 0,0126 | 3,4951 | 24,00 | 0,00 |
| 21.09.2019 | 60,97 | 52,72 | 8,24 | 408,521 | 408,127 | 0,394 | 6,0 | 4,0 | 3,3826 | 0,0124 | 3,3950 | 24,00 | 0,00 |
| 22.09.2019 | 61,04 | 52,75 | 8,29 | 406,544 | 406,264 | 0,280 | 6,0 | 4,0 | 3,3853 | 0,0124 | 3,3977 | 24,00 | 0,00 |
| 23.09.2019 | 61,89 | 53,49 | 8,40 | 410,278 | 410,037 | 0,240 | 6,0 | 4,0 | 3,4629 | 0,0126 | 3,4755 | 24,00 | 0,00 |
| 24.09.2019 | 61,83 | 53,39 | 8,44 | 408,870 | 408,590 | 0,280 | 6,0 | 4,0 | 3,4677 | 0,0125 | 3,4802 | 24,00 | 0,00 |
| 25.09.2019 | 61,93 | 53,19 | 8,74 | 398,299 | 398,033 | 0,266 | 6,0 | 4,0 | 3,4932 | 0,0125 | 3,5057 | 24,00 | 0,00 |
| 26.09.2019 | 48,58 | 43,17 | 5,42 | 379,291 | 378,633 | 0,658 | 6,0 | 4,0 | 2,1076 | 0,0099 | 2,1175 | 24,00 | 0,00 |
| 27.09.2019 | 57,26 | 48,93 | 8,32 | 389,649 | 389,199 | 0,451 | 6,0 | 4,0 | 3,2612 | 0,0114 | 3,2726 | 24,00 | 0,00 |
| 28.09.2019 | 61,14 | 52,38 | 8,75 | 390,154 | 389,885 | 0,268 | 6,0 | 4,0 | 3,4301 | 0,0123 | 3,4423 | 24,00 | 0,00 |
| 29.09.2019 | 61,52 | 52,40 | 9,12 | 390,263 | 389,932 | 0,331 | 6,0 | 4,0 | 3,5738 | 0,0123 | 3,5860 | 24,00 | 0,00 |
| 30.09.2019 | 61,35 | 52,63 | 8,71 | 389,723 | 389,424 | 0,299 | 6,0 | 4,0 | 3,4111 | 0,0123 | 3,4234 | 24,00 | 0,00 |
| 01.10.2019 | 61,71 | 51,69 | 10,02 | 337,251 | 336,673 | 0,578 | 6,0 | 4,0 | 3,3481 | 0,0121 | 3,3602 | 24,00 | 0,00 |
| 02.10.2019 | 61,08 | 50,70 | 10,38 | 308,022 | 307,264 | 0,757 | 6,0 | 4,0 | 3,2108 | 0,0119 | 3,2227 | 24,00 | 0,00 |
| 03.10.2019 | 61,55 | 51,44 | 10,11 | 309,716 | 308,964 | 0,751 | 6,0 | 4,0 | 3,1444 | 0,0120 | 3,1565 | 24,00 | 0,00 |
| 04.10.2019 | 61,36 | 51,44 | 9,92 | 313,182 | 312,385 | 0,798 | 6,0 | 4,0 | 3,1211 | 0,0120 | 3,1331 | 24,00 | 0,00 |
| 05.10.2019 | 60,54 | 51,15 | 9,39 | 315,673 | 314,888 | 0,785 | 6,0 | 4,0 | 2,9762 | 0,0120 | 2,9882 | 24,00 | 0,00 |
| 06.10.2019 | 60,96 | 51,04 | 9,93 | 316,440 | 315,691 | 0,749 | 6,0 | 4,0 | 3,1539 | 0,0119 | 3,1659 | 24,00 | 0,00 |
| 07.10.2019 | 61,53 | 51,83 | 9,70 | 320,118 | 319,374 | 0,744 | 6,0 | 4,0 | 3,1183 | 0,0121 | 3,1305 | 24,00 | 0,00 |
| 08.10.2019 | 61,56 | 52,20 | 9,36 | 323,803 | 323,042 | 0,761 | 6,0 | 4,0 | 3,0431 | 0,0122 | 3,0553 | 24,00 | 0,00 |
| 09.10.2019 | 61,17 | 51,55 | 9,61 | 321,186 | 320,395 | 0,790 | 6,0 | 4,0 | 3,0996 | 0,0121 | 3,1117 | 24,00 | 0,00 |

| Дата | Температура (°С) | | | Масса (т) | | | Давление (ат) | | Теплота (ГКал) | | | Время работы, час | |
|------------|------------------|----------------|-------|----------------|----------------|-------|----------------|----------------|----------------|----------------|----------------|-------------------|---------|
| | T ₁ | T ₂ | ΔT | G ₁ | G ₂ | ΔG | P ₁ | P ₂ | Q _п | Q _γ | Q _Σ | штатное | нештат. |
| 10.10.2019 | 61,28 | 51,32 | 9,96 | 315,645 | 314,915 | 0,730 | 6,0 | 4,0 | 3,1558 | 0,0120 | 3,1678 | 24,00 | 0,00 |
| 11.10.2019 | 61,07 | 50,99 | 10,08 | 314,198 | 313,472 | 0,726 | 6,0 | 4,0 | 3,1793 | 0,0119 | 3,1912 | 24,00 | 0,00 |
| 12.10.2019 | 60,93 | 50,81 | 10,11 | 314,083 | 313,381 | 0,702 | 6,0 | 4,0 | 3,1883 | 0,0119 | 3,2002 | 24,00 | 0,00 |
| 13.10.2019 | 61,23 | 50,84 | 10,39 | 314,104 | 313,426 | 0,678 | 6,0 | 4,0 | 3,2753 | 0,0119 | 3,2872 | 24,00 | 0,00 |
| 14.10.2019 | 61,27 | 51,24 | 10,03 | 316,665 | 315,959 | 0,706 | 6,0 | 4,0 | 3,1898 | 0,0120 | 3,2018 | 24,00 | 0,00 |
| 15.10.2019 | 61,42 | 51,30 | 10,12 | 317,152 | 316,447 | 0,706 | 6,0 | 4,0 | 3,2226 | 0,0120 | 3,2346 | 24,00 | 0,00 |
| 16.10.2019 | 61,00 | 50,66 | 10,35 | 311,864 | 311,170 | 0,693 | 6,0 | 4,0 | 3,2329 | 0,0118 | 3,2448 | 24,00 | 0,00 |
| 17.10.2019 | 58,41 | 48,30 | 10,10 | 280,186 | 279,602 | 0,585 | 6,0 | 4,0 | 2,9237 | 0,0112 | 2,9349 | 24,00 | 0,00 |
| 18.10.2019 | 61,94 | 50,88 | 11,07 | 305,229 | 304,516 | 0,713 | 6,0 | 4,0 | 3,3898 | 0,0119 | 3,4017 | 24,00 | 0,00 |
| 19.10.2019 | 61,51 | 50,22 | 11,29 | 301,157 | 300,427 | 0,730 | 6,0 | 4,0 | 3,4130 | 0,0117 | 3,4247 | 24,00 | 0,00 |
| 20.10.2019 | 61,48 | 49,87 | 11,62 | 300,600 | 299,883 | 0,717 | 6,0 | 4,0 | 3,5042 | 0,0116 | 3,5158 | 24,00 | 0,00 |
| 21.10.2019 | 61,68 | 50,41 | 11,27 | 298,503 | 297,777 | 0,727 | 6,0 | 4,0 | 3,3763 | 0,0118 | 3,3881 | 24,00 | 0,00 |
| 22.10.2019 | 61,62 | 50,59 | 11,04 | 300,504 | 299,763 | 0,741 | 6,0 | 4,0 | 3,3294 | 0,0118 | 3,3412 | 24,00 | 0,00 |
| 23.10.2019 | 61,59 | 50,52 | 11,07 | 303,215 | 302,467 | 0,748 | 6,0 | 4,0 | 3,3690 | 0,0118 | 3,3808 | 24,00 | 0,00 |
| 24.10.2019 | 61,56 | 50,74 | 10,82 | 302,246 | 301,545 | 0,701 | 6,0 | 4,0 | 3,2837 | 0,0119 | 3,2956 | 24,00 | 0,00 |
| 25.10.2019 | 61,68 | 50,91 | 10,76 | 303,089 | 302,390 | 0,699 | 6,0 | 4,0 | 3,2736 | 0,0119 | 3,2855 | 24,00 | 0,00 |
| 26.10.2019 | 61,54 | 50,76 | 10,78 | 303,964 | 303,270 | 0,694 | 6,0 | 4,0 | 3,2882 | 0,0119 | 3,3000 | 24,00 | 0,00 |
| 27.10.2019 | 61,24 | 50,63 | 10,61 | 303,987 | 303,321 | 0,666 | 6,0 | 4,0 | 3,2374 | 0,0118 | 3,2492 | 24,00 | 0,00 |
| 28.10.2019 | 61,71 | 51,17 | 10,54 | 306,343 | 305,611 | 0,731 | 6,0 | 4,0 | 3,2421 | 0,0120 | 3,2541 | 24,00 | 0,00 |
| 29.10.2019 | 61,79 | 51,04 | 10,75 | 306,420 | 305,661 | 0,759 | 6,0 | 4,0 | 3,3046 | 0,0119 | 3,3166 | 24,00 | 0,00 |
| 30.10.2019 | 62,02 | 50,82 | 11,20 | 302,893 | 302,190 | 0,703 | 6,0 | 4,0 | 3,4023 | 0,0119 | 3,4142 | 24,00 | 0,00 |
| 31.10.2019 | 61,66 | 50,31 | 11,35 | 299,230 | 298,575 | 0,656 | 6,0 | 4,0 | 3,4088 | 0,0118 | 3,4206 | 24,00 | 0,00 |
| 01.11.2019 | 63,55 | 51,42 | 12,13 | 302,269 | 301,568 | 0,700 | 6,0 | 4,0 | 3,6799 | 0,0120 | 3,6920 | 24,00 | 0,00 |
| 02.11.2019 | 63,81 | 51,53 | 12,27 | 301,256 | 300,537 | 0,719 | 6,0 | 4,0 | 3,7092 | 0,0121 | 3,7213 | 24,00 | 0,00 |
| 03.11.2019 | 63,83 | 51,54 | 12,29 | 301,443 | 300,661 | 0,783 | 6,0 | 4,0 | 3,7165 | 0,0121 | 3,7285 | 24,00 | 0,00 |
| 04.11.2019 | 63,92 | 51,55 | 12,38 | 300,998 | 300,281 | 0,717 | 6,0 | 4,0 | 3,7375 | 0,0121 | 3,7496 | 24,00 | 0,00 |
| 05.11.2019 | 63,71 | 51,74 | 11,97 | 301,505 | 300,799 | 0,706 | 6,0 | 4,0 | 3,6222 | 0,0121 | 3,6344 | 24,00 | 0,00 |
| 06.11.2019 | 63,83 | 52,11 | 11,72 | 304,784 | 304,112 | 0,672 | 6,0 | 4,0 | 3,5851 | 0,0122 | 3,5974 | 24,00 | 0,00 |
| 07.11.2019 | 64,08 | 52,30 | 11,78 | 305,949 | 305,305 | 0,644 | 6,0 | 4,0 | 3,6178 | 0,0123 | 3,6301 | 24,00 | 0,00 |
| 08.11.2019 | 63,95 | 52,33 | 11,62 | 308,025 | 307,393 | 0,632 | 6,0 | 4,0 | 3,5916 | 0,0123 | 3,6038 | 24,00 | 0,00 |
| 09.11.2019 | 63,83 | 51,68 | 12,15 | 307,474 | 306,804 | 0,670 | 6,0 | 4,0 | 3,7501 | 0,0121 | 3,7622 | 24,00 | 0,00 |
| 10.11.2019 | 64,15 | 51,65 | 12,49 | 307,684 | 306,945 | 0,739 | 6,0 | 4,0 | 3,8573 | 0,0121 | 3,8694 | 24,00 | 0,00 |
| 11.11.2019 | 64,12 | 52,03 | 12,09 | 306,373 | 305,647 | 0,726 | 6,0 | 4,0 | 3,7163 | 0,0122 | 3,7285 | 24,00 | 0,00 |
| 12.11.2019 | 64,27 | 52,16 | 12,11 | 304,707 | 304,031 | 0,675 | 6,0 | 4,0 | 3,7039 | 0,0122 | 3,7161 | 24,00 | 0,00 |
| 13.11.2019 | 64,15 | 52,04 | 12,10 | 301,800 | 301,114 | 0,686 | 6,0 | 4,0 | 3,6647 | 0,0121 | 3,6768 | 23,85 | 0,15 |
| 14.11.2019 | 66,21 | 52,97 | 13,24 | 303,483 | 302,753 | 0,730 | 6,0 | 4,0 | 4,0305 | 0,0124 | 4,0429 | 24,00 | 0,00 |
| 15.11.2019 | 65,45 | 52,35 | 13,10 | 302,132 | 301,424 | 0,709 | 6,0 | 4,0 | 3,9696 | 0,0123 | 3,9819 | 24,00 | 0,00 |
| 16.11.2019 | 64,06 | 51,59 | 12,47 | 300,357 | 299,713 | 0,644 | 6,0 | 4,0 | 3,7571 | 0,0121 | 3,7692 | 24,00 | 0,00 |
| 17.11.2019 | 63,14 | 50,98 | 12,16 | 299,369 | 298,775 | 0,594 | 6,0 | 4,0 | 3,6523 | 0,0119 | 3,6643 | 24,00 | 0,00 |
| 18.11.2019 | 66,06 | 52,77 | 13,29 | 299,843 | 299,238 | 0,604 | 6,0 | 4,0 | 3,9976 | 0,0124 | 4,0100 | 24,00 | 0,00 |
| 19.11.2019 | 77,15 | 59,62 | 17,53 | 299,524 | 298,998 | 0,525 | 6,0 | 4,0 | 5,2665 | 0,0141 | 5,2806 | 24,00 | 0,00 |
| 20.11.2019 | 77,25 | 59,57 | 17,68 | 290,175 | 289,618 | 0,557 | 6,0 | 4,0 | 5,1444 | 0,0141 | 5,1585 | 24,00 | 0,00 |
| 21.11.2019 | 71,67 | 55,21 | 16,46 | 278,058 | 277,500 | 0,558 | 6,0 | 4,0 | 4,5902 | 0,0130 | 4,6032 | 24,00 | 0,00 |
| 22.11.2019 | 67,56 | 51,20 | 16,37 | 246,477 | 246,044 | 0,433 | 6,0 | 4,0 | 4,0115 | 0,0120 | 4,0234 | 24,00 | 0,00 |
| 23.11.2019 | 66,35 | 49,32 | 17,03 | 226,020 | 225,620 | 0,400 | 6,0 | 4,0 | 3,8578 | 0,0115 | 3,8693 | 24,00 | 0,00 |
| 24.11.2019 | 66,30 | 49,33 | 16,98 | 226,152 | 225,776 | 0,376 | 6,0 | 4,0 | 3,8487 | 0,0115 | 3,8602 | 24,00 | 0,00 |
| 25.11.2019 | 66,40 | 48,91 | 17,48 | 219,203 | 218,848 | 0,354 | 6,0 | 4,0 | 3,8337 | 0,0114 | 3,8451 | 24,00 | 0,00 |
| 26.11.2019 | 66,57 | 48,57 | 18,01 | 210,705 | 210,339 | 0,365 | 6,0 | 4,0 | 3,8022 | 0,0113 | 3,8135 | 24,00 | 0,00 |
| 27.11.2019 | 66,43 | 48,47 | 17,95 | 212,044 | 211,674 | 0,370 | 6,0 | 4,0 | 3,8149 | 0,0113 | 3,8261 | 24,00 | 0,00 |
| 28.11.2019 | 66,25 | 48,56 | 17,69 | 213,497 | 213,121 | 0,376 | 6,0 | 4,0 | 3,7851 | 0,0113 | 3,7964 | 24,00 | 0,00 |
| 29.11.2019 | 66,47 | 48,73 | 17,74 | 214,151 | 213,854 | 0,297 | 6,0 | 4,0 | 3,8066 | 0,0114 | 3,8179 | 24,00 | 0,00 |
| 30.11.2019 | 66,03 | 48,45 | 17,57 | 212,398 | 212,102 | 0,296 | 6,0 | 4,0 | 3,7409 | 0,0113 | 3,7522 | 24,00 | 0,00 |
| 01.12.2019 | 66,41 | 48,48 | 17,93 | 212,829 | 212,544 | 0,285 | 6,0 | 4,0 | 3,8242 | 0,0113 | 3,8355 | 24,00 | 0,00 |
| 02.12.2019 | 66,41 | 48,73 | 17,68 | 213,293 | 212,985 | 0,308 | 6,0 | 4,0 | 3,7797 | 0,0114 | 3,7910 | 24,00 | 0,00 |
| 03.12.2019 | 66,16 | 48,67 | 17,49 | 213,734 | 213,426 | 0,309 | 6,0 | 4,0 | 3,7478 | 0,0113 | 3,7591 | 24,00 | 0,00 |
| 04.12.2019 | 66,67 | 49,77 | 16,90 | 233,914 | 233,549 | 0,365 | 6,0 | 4,0 | 3,9442 | 0,0116 | 3,9558 | 24,00 | 0,00 |
| 05.12.2019 | 66,24 | 51,45 | 14,79 | 268,324 | 267,925 | 0,399 | 6,0 | 4,0 | 3,9804 | 0,0120 | 3,9924 | 24,00 | 0,00 |
| 06.12.2019 | 66,43 | 52,09 | 14,34 | 274,663 | 274,263 | 0,399 | 6,0 | 4,0 | 3,9497 | 0,0122 | 3,9619 | 24,00 | 0,00 |
| 07.12.2019 | 66,34 | 52,06 | 14,27 | 274,507 | 274,166 | 0,341 | 6,0 | 4,0 | 3,9299 | 0,0122 | 3,9421 | 24,00 | 0,00 |
| 08.12.2019 | 66,37 | 52,00 | 14,37 | 273,710 | 273,412 | 0,298 | 6,0 | 4,0 | 3,9432 | 0,0122 | 3,9554 | 24,00 | 0,00 |
| 09.12.2019 | 66,64 | 52,59 | 14,06 | 271,851 | 271,548 | 0,303 | 6,0 | 4,0 | 3,8331 | 0,0123 | 3,8454 | 23,92 | 0,08 |
| 10.12.2019 | 66,62 | 52,49 | 14,12 | 272,700 | 272,409 | 0,291 | 6,0 | 4,0 | 3,8629 | 0,0123 | 3,8752 | 24,00 | 0,00 |
| 11.12.2019 | 66,53 | 52,79 | 13,74 | 274,718 | 274,372 | 0,346 | 6,0 | 4,0 | 3,7881 | 0,0124 | 3,8005 | 24,00 | 0,00 |
| 12.12.2019 | 65,41 | 51,75 | 13,66 | 273,054 | 272,798 | 0,256 | 6,0 | 4,0 | 3,7431 | 0,0121 | 3,7553 | 24,00 | 0,00 |
| 13.12.2019 | 64,10 | 50,66 | 13,44 | 271,501 | 271,095 | 0,406 | 6,0 | 4,0 | 3,6669 | 0,0118 | 3,6787 | 24,00 | 0,00 |
| 14.12.2019 | 66,86 | 52,41 | 14,45 | 273,293 | 272,644 | 0,649 | 6,0 | 4,0 | 3,9600 | 0,0123 | 3,9723 | 24,00 | 0,00 |
| 15.12.2019 | 66,63 | 51,63 | 14,99 | 272,568 | 272,038 | 0,530 | 6,0 | 4,0 | 4,0977 | 0,0121 | 4,1098 | 24,00 | 0,00 |
| 16.12.2019 | 66,67 | 52,25 | 14,41 | 273,179 | 272,709 | 0,470 | 6,0 | 4,0 | 3,9484 | 0,0123 | 3,9607 | 24,00 | 0,00 |
| 17.12.2019 | 66,49 | 52,20 | 14,29 | 273,491 | 272,897 | 0,594 | 6,0 | 4,0 | 3,9188 | 0,0122 | 3,9311 | 24,00 | 0,00 |
| 18.12.2019 | 66,44 | 52,09 | 14,35 | 273,313 | 272,859 | 0,454 | 6,0 | 4,0 | 3,9332 | 0,0122 | 3,9454 | 24,00 | 0,00 |
| 19.12.2019 | 66,86 | 52,40 | 14,46 | 274,270 | 273,843 | 0,428 | 6,0 | 4,0 | 3,9782 | 0,0123 | 3,9905 | 24,00 | 0,00 |
| 20.12.2019 | 66,68 | 52,38 | 14,30 | 274,807 | 274,447 | 0,360 | 6,0 | 4,0 | 3,9409 | 0,0123 | 3,9532 | 24,00 | 0,00 |
| 21.12.2019 | 67,45 | 52,30 | 15,16 | 274,722 | 274,281 | 0,441 | 6,0 | 4,0 | 4,1755 | 0,0123 | 4,1878 | 24,00 | 0,00 |
| 22.12.2019 | 66,86 | 51,75 | 15,11 | 274,448 | 273,986 | 0,462 | 6,0 | 4,0 | 4,1578 | 0,0121 | 4,1699 | 24,00 | 0,00 |

| Дата | Температура (°C) | | | Масса (т) | | | Давление (ат) | | Теплота (ГКал) | | | Время работы, час | |
|--------------|------------------|----------------|-------|----------------|----------------|---------|----------------|----------------|----------------|----------------|----------------|-------------------|---------|
| | T ₁ | T ₂ | ΔT | G ₁ | G ₂ | ΔG | P ₁ | P ₂ | Q _п | Q _γ | Q _Σ | штатное | нештат. |
| 23.12.2019 | 66,99 | 52,25 | 14,74 | 275,434 | 275,009 | 0,425 | 6,0 | 4,0 | 4,0729 | 0,0122 | 4,0851 | 24,00 | 0,00 |
| 24.12.2019 | 66,28 | 51,82 | 14,46 | 275,518 | 275,132 | 0,386 | 6,0 | 4,0 | 3,9959 | 0,0121 | 4,0081 | 24,00 | 0,00 |
| 25.12.2019 | 68,35 | 53,42 | 14,93 | 276,035 | 275,757 | 0,278 | 6,0 | 4,0 | 4,1343 | 0,0125 | 4,1468 | 24,00 | 0,00 |
| 26.12.2019 | 69,49 | 54,38 | 15,11 | 276,155 | 275,901 | 0,254 | 6,0 | 4,0 | 4,1863 | 0,0128 | 4,1991 | 24,00 | 0,00 |
| 27.12.2019 | 69,41 | 54,27 | 15,15 | 275,671 | 275,440 | 0,231 | 6,0 | 4,0 | 4,1874 | 0,0128 | 4,2001 | 24,00 | 0,00 |
| 28.12.2019 | 69,11 | 53,99 | 15,12 | 275,824 | 275,599 | 0,225 | 6,0 | 4,0 | 4,1829 | 0,0127 | 4,1956 | 24,00 | 0,00 |
| 29.12.2019 | 70,21 | 53,99 | 16,22 | 275,801 | 275,529 | 0,272 | 6,0 | 4,0 | 4,4869 | 0,0127 | 4,4995 | 24,00 | 0,00 |
| 30.12.2019 | 78,01 | 58,90 | 19,11 | 275,823 | 275,664 | 0,159 | 6,0 | 4,0 | 5,2853 | 0,0139 | 5,2993 | 24,00 | 0,00 |
| 31.12.2019 | 74,04 | 56,47 | 17,57 | 274,195 | 273,976 | 0,219 | 6,0 | 4,0 | 4,8331 | 0,0133 | 4,8465 | 24,00 | 0,00 |
| Итого | 63,97 | 54,14 | 9,82 | 85155,811 | 85020,190 | 135,621 | 6,00 | 4,00 | 947,996 8 | 4,6332 | 952,6300 | 8748,33 | 11,67 |

Место для записи представителя PCO

Ответственный за учет тепловой энергии:

Представитель обслуживающей организации: